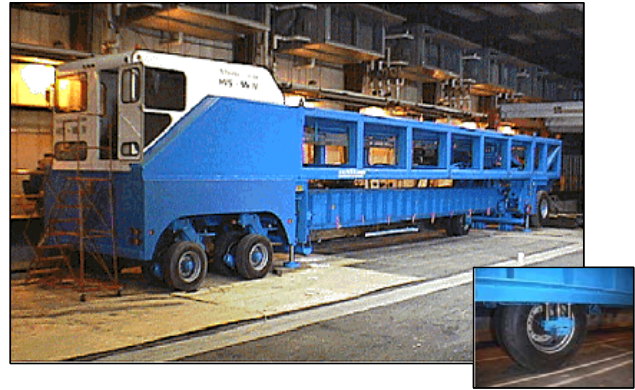


**STRUCTURAL
IMPROVEMENT OF
FLEXIBLE PAVEMENTS
USING GEOSYNTHETICS
FOR BASE COURSE
REINFORCEMENT
FHWA Project TPF-5 (010)**



CRREL's heavy vehicle simulator will be used to simulate 20 years of traffic.

Scope:

- *Most comprehensive investigation of geosynthetic reinforcement of pavements to date.*
- *Developed to conform to 2002 Design Guide.*
- *Cost effectiveness analysis.*
- *Finite element modeling.*

Process:

- *Created, directed, and funded by DOTs.*
- *Research independent of manufacturers.*
- *Flexible funding, allowing DOTs to participate in specific phases of the study.*

Deliverables:

- *Will provide layer characteristics for use in mechanistic pavement design.*
- *Design input that adapts to the 2002 Design Guide.*



To participate in this study, contact:
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